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Fig.1

Fig.1a
Fig.1b

Fig.1a

	10	20	30	40	50
SEQ ID NO 13 MP 52	CSRKALHVN	KDMGWDDWII	APLEYEAFHC	EGLCEFP	HLPTNHAVI
SEQ ID NO 14 BMP 2	CKRHPLYVDF	SDVGWNDWIV	APPGYHAFYC	HGECPPFLAD	HLNSTNHAIV
SEQ ID NO 15 BMP 4	CRRHSLYVDF	SDVGWNDWIV	APPGYQAFYC	HGDCPPFLAD	HLNSTNHAIV
SEQ ID NO 16 BMP 5	CKKHELYVSF	RDLGWQDWII	APEGYAAFYC	DGECSPFLNA	HMNATNHAIV
SEQ ID NO 17 BMP 6	CRKHELYVSF	QDLGWQDWII	APKGYAANYC	DGECSPFLNA	HMNATNHAIV
SEQ ID NO 18 BMP 7	CKKHELYVSF	RDLGWQDWII	APEGYAAAYC	EGECAFP	YMNATNHAIV
	* + * * *	* * * * *	* * * * *	* * * * *	* * * * *

Fig. 1b

	60	70	80	90	100
SEQ ID NO 13 MP 52 QTLMSMDPE	STPPTCCVPT	RLSPI SILFI	DSANNVVYKQ	YEDMVVESC	CR
SEQ ID NO 14 BMP 2 QTLVNSVNS-	KIPKACCVPT	ELSAISMLYL	DENEKVVLKN	YQDMVVEGCG	CR
SEQ ID NO 15 BMP 4 QTLVNSVNS-	SIPKACCVPT	ELSAISMLYL	DEYDKVVLKN	YQEMVVEGCG	CR
SEQ ID NO 16 BMP 5 QTLVHLMFPD	HVPKPCCAPT	KLNAISVLYF	DDSSNVI LKK	YRNMVVRSCG	CH
SEQ ID NO 17 BMP 6 QTLVHLMNPE	YVPKPCCAPT	KLNAISVLYF	DDSSNVI LKK	YRNMVVRACG	CH
SEQ ID NO 18 BMP 7 QTLVHFINPE	TVPKPCCAPT	QLNAISVLYF	DDSSNVI LKK	YRNMVVRACG	CH
	*** +++ ++	++ + + + + + +	++ + + + + + +	++ + + + + + +	++ + + + + + +

Fig.2a

Eco RI Nco I

SEQ ID NO 19 OD	ATGAATTCCCATGGACCTGGGCTGGMAKGAMTGGAT
SEQ ID NO 20 BMP 2	ACGTGGGGTGGAATGACTGGAT
SEQ ID NO 21 BMP 3	ATATTGGCTGGAGTGAATGGAT
SEQ ID NO 22 BMP 4	ATGTGGGCTGGAATGACTGGAT
SEQ ID NO 23 BMP 7	ACCTGGGCTGGCAGGACTGGAT
SEQ ID NO 24 TGF- β 1	AGGACCTCGGCTGGAAGTGGAT
SEQ ID NO 25 TGF- β 2	GGGATCTAGGGTGGAAATGGAT
SEQ ID NO 26 TGF- β 3	AGGATCTGGGCTGGAAGTGGGT
SEQ ID NO 27 INHIBIN α	AGCTGGGCTGGGAACGGTGGAT
SEQ ID NO 28 INHIBIN β A	ACATCGGCTGGAATGACTGGAT
SEQ ID NO 29 INHIBIN β B	TCATCGGCTGGAACGACTGGAT

Fig.2b

Eco RI

SEQ ID NO 30 OI D	ATGAATTCGAGCTGCGTSGGSRACACAGCA
SEQ ID NO 31 BMP 2	GAGTTCTGTCTGGGACACAGCA
SEQ ID NO 32 BMP 3	CATCTTTTCTGGTACACAGCA
SEQ ID NO 33 BMP 4	CAGTTCAGTGGGCACACAACA
SEQ ID NO 34 BMP 7	GAGCTGCGTGGGCGCACAGCA
SEQ ID NO 35 TGF- β 1	CAGCGCCTGCGGCACGCAGCA
SEQ ID NO 36 TGF- β 2	TAAATCTTGGGACACGCAGCA
SEQ ID NO 37 TGF- β 3	CAGGTCTTGGGGCACGCAGCA
SEQ ID NO 38 INHIBIN α	CCCTGGGAGAGCAGCACAGCA
SEQ ID NO 39 INHIBIN β A	CAGCTTGGTGGGCACACAGCA
SEQ ID NO 40 INHIBIN β B	CAGCTTGGTGGGAATGCAGCA

Fig.3

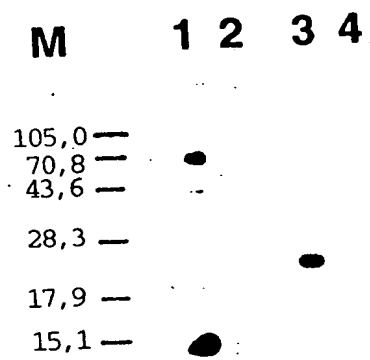
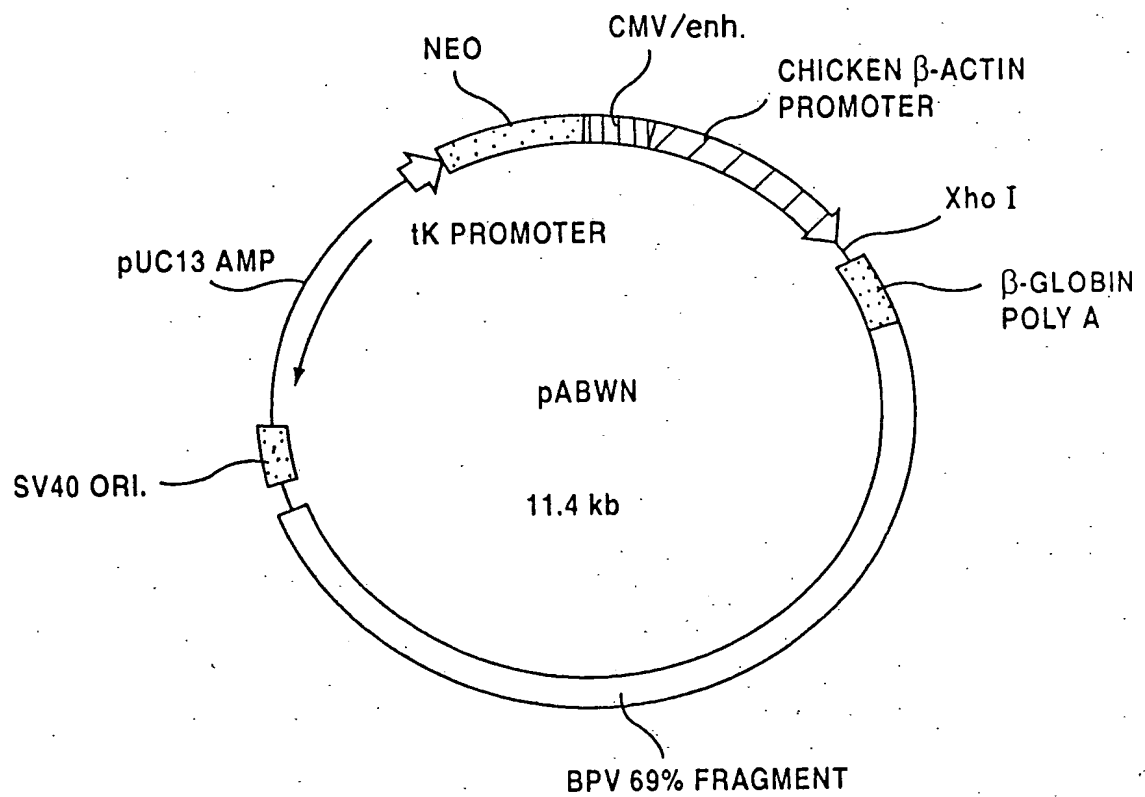


Fig.4



2923-609 - Div. of
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Fig.5



2923-609 - Div. of
09/386,450

Fig.6

